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Figure 10 shows 16 small plots arranged in a 4x4 grid, labeled 10. Each plot displays the probability distribution  $P(x)$  for different values of  $\alpha$  and  $\beta$ . The x-axis represents  $x$  (ranging from 0 to 10) and the y-axis represents  $P(x)$  (ranging from 0 to 1). The distributions are generally unimodal and shift towards higher  $x$  values as  $\alpha$  and  $\beta$  increase.

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